

Introduction

Spectrum™ and DW-series Wi-Fi clocks feature built-in easy-to-follow setup instructions. Prior to installation, it is important to get Wi-Fi setup information from your network administrator, and to allow them to make any necessary network preparations. This document summarizes the network requirements and provides a spot to record the settings necessary to configure your Wi-Fi clocks.

Requirements

- 1) The clock setup can be performed with any laptop, tablet, or phone with built-in Wi-Fi.
- 2) The building's Wi-Fi network must support open, WEP, WPA, or WPA2 security with shared passwords. Note that 802.1x networks are not officially supported.
- 3) The network firewall must allow outbound NTP/SNTP traffic (UDP port 123)
Note: "Captive portal" guest networks that require a password may block the clock's access to our Internet time servers¹.

Important Settings

The following settings should be obtained before installing the clock.

Setting Name	Setting Value	Notes
Wi-Fi Network Name (Also known as SSID)		Wi-Fi network can be WEP, WPA, WPA2 or open.
Wi-Fi Network Password		Network password is optional on open networks.
Clock Password		Optional password for clock's internal webpage. Default is blank, and it can be left blank if desired.
Time Server		Recommended value ² for clock status reporting is <i>time.natsco.net</i>

Visit <http://natsco.link> to continue setup, or see user manual C-593 for full instructions.

¹ If a captive portal is installed, we recommend using an alternate non-guest network, or making a firewall exception for SNTP network traffic pass through the captive portal.

² A different server can be used if syncing to internal time servers is required. In this case, contact natsco support for instructions on enabling cloud supervision using a local check-in server.